

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-279578

(43)Date of publication of application : 16.11.1988

(51)Int.Cl.

H01M 8/24

(21)Application number : 62-114216

(71)Applicant : SANYO ELECTRIC CO LTD

(22)Date of filing : 11.05.1987

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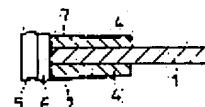
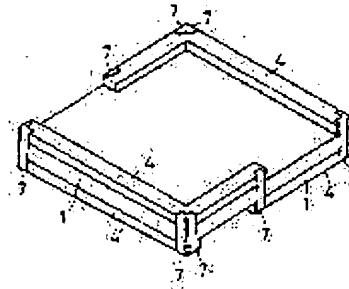
NAKANO HIDENORI

(54) FUEL CELL

(57)Abstract:

PURPOSE: To check the contraction of shim material as well as to aim at improvement in sealability between a cell stack and a manifold or a manifold mounting frame by sticking a filmy fluorocarbon resin tape to the extent ranging from an end face of each gas separator to a pair of shims applied to the upper and lower sides in a U-shaped form in advance.

CONSTITUTION: Each gas separator 1 with shims 4 and 4' stuck is applied with a filmy fluorocarbon resin tape 7 as ranging from a surface to contact with a gasket 6 to both upper and lower shims 4 and 4' in a U-shaped form. This non-porous tape 7 uses a single side adhesive tape of 0.05mm in thickness. With this tape, any contraction of these shims 4 and 4' is checked and any clearance between these shims and the gasket 6 is restrained from occurring, so that sealability to a cell stack of a manifold or a manifold mounting frame 5 is improved and simultaneously the non-porous tape is made so as to work as an insulating member for the gasket part.



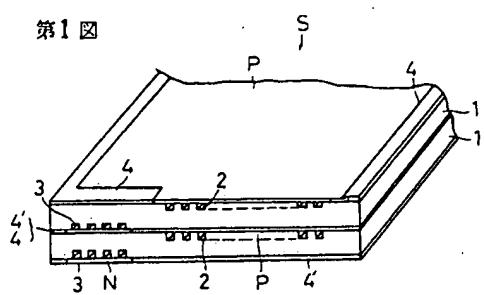
LEGAL STATUS

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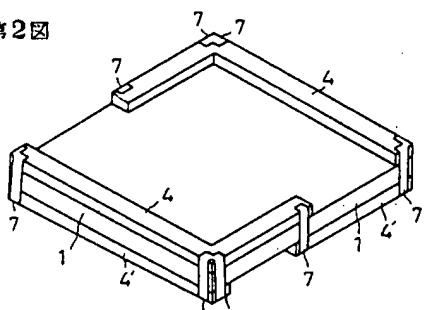
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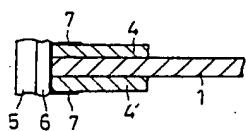
第1図



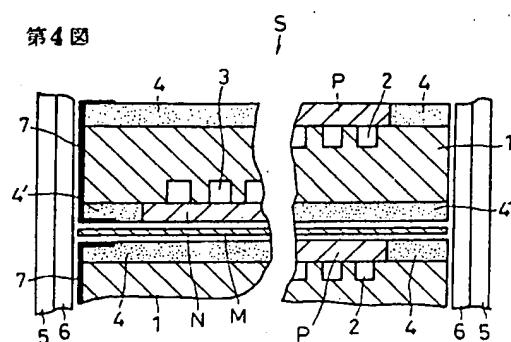
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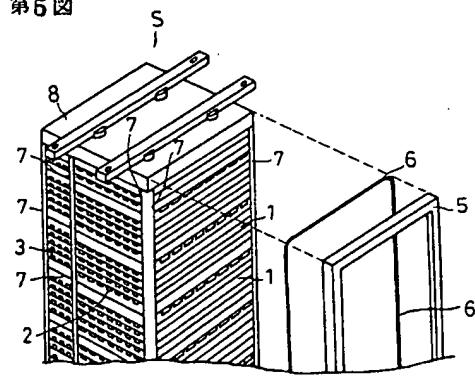
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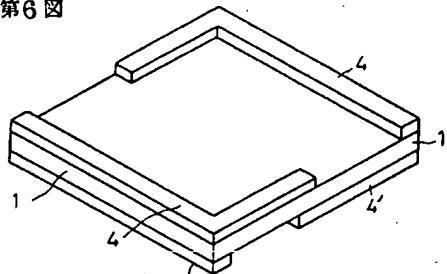
第4図



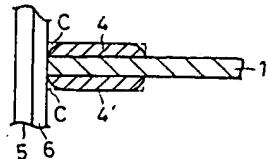
第5図



第6図



第7図



第8図

